

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2003/001515

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: B41J 2/05

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASES CONSULTED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
**DWPI JAPIO: INKJET BUBBLEJET INK BUBBLE B41J 2/- JET SILVERBROOK HEAT THERMAL TEMPERATURE VAPOUR GAS DROP VAPOR BOIL BP NANP PICO GRAM JOULE ARRAY NOZZLE**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.                                     |
|-----------|---|---|
| X         | EP 0367303 A1 (HEWLETT-PACKARD COMPANY) 9 May 1990<br>Column 1 lines 1 to 6, column 3 line 16 to column 4 line 3, column 4 line 31 to column 5 line 2, figure 3 | 1-6, 11, 12, 14, 16-22, 27, 28, 30, 32-37, 42, 43, 45, 47 |
| A         | US 4647945 A (ANDEEN et al) 3 March 1987<br>Figure 1  |   |
| A         | JP 10-16223 A (SEIKO INSTRUMENTS INC.) 20 January 1998<br>Figures 4 and 4   |   |

Further documents are listed in the continuation of Box C

See patent family annex

|   |  |
|---|--|
| * Special categories of cited documents:  |  |
| "A" document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "E" earlier application or patent but published on or after the international filing date   | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P" document published prior to the international filing date but later than the priority date claimed  |  |

Date of the actual completion of the international search  
27 January 2004

Date of mailing of the international search report

04 FEB 2004

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**INTERNATIONAL SEARCH REPORT**International application No.  
**PCT/AU2003/001515****C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages          | Relevant to claim No. |
|-----------|---|-----------------------|
| A         | EP 0609140 B1 (SONY CORPORATION) 7 June 2000<br>Column 6 lines 13 to 22, figure 1           |                       |
| A         | EP 0750993 B1 (CANON KABUSHIKI KAISHA) 5 December 2001<br>Column 3 lines 17 to 49, figure 1 |                       |
| A         | US 6443564 B1 (KEIL et al ) 3 September 2002  |                       |

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/AU2003/001515**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in<br>Search Report |           |    |           | Patent Family Member |           |    |           |
|---|-----------|----|-----------|----------------------|-----------|----|-----------|
| EP  | 367303    | EP | 244214    | JP                   | 62-259864 | US | 4894664   |
|   |           | US | 4922265   |                      |           |    |           |
| US  | 4647945   | EP | 231586    | JP                   | 62-183392 |    |           |
| JP  | 10-016223 | NO | FAMILY    |                      |           |    |           |
| EP  | 609149    | JP | 06-218956 | JP                   | 06-218957 | US | 5561451   |
| EP  | 750993    | JP | 09-014123 | JP                   | 09-170590 | JP | 09-177660 |
|   |           | US | 5561451   |                      |           |    |           |
| US  | 6443564   | NO | FAMILY    |                      |           |    |           |

END OF ANNEX